

ABSTRACT

An electromagnetic interference filter is disclosed. An inductance coil with four wires extended there-from, a ceramic capacitance board, a metallic film capacitance and a grounded wire are included. The ceramic capacitance board is provided with a plurality of metallic film areas on a first surface and one metallic film area on a second surface and thus forms a plurality of separate capacitance electrodes on it. The invention is characterized in that two wires extended from the inductance coil are electrically connected to the capacitance electrodes while the other two wires extended from the inductance coil are electrically connected to the wires of the metallic film capacitance, and one terminal of the grounded wire is electrically connected to the metallic film area on the second surface of the ceramic capacitance board.